



Preface

This preface describes the audience, organization and conventions of the *Cisco Nexus 7000 Series NX-OS System Management Configuration Guide, Release 4.x*. It also provides information on how to obtain related documentation.

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Audience

This publication is for experienced network administrators who configure and maintain Cisco NX-OS devices.

Document Organization

This document is organized into the following chapters:

Title	Description
Chapter 1, “Overview”	Provides an overview of the features in this document.
Chapter 2, “Configuring CFS”	Describes how to use Cisco Fabric Services (CFS) to distribute data, including configuration changes, to all Cisco NX-OS devices in a network.
Chapter 3, “Configuring NTP”	Describes how to configure the Network Time Protocol (NTP).
Chapter 4, “Configuring CDP”	Describes how to configure the Cisco Discovery Protocol (CDP).
Chapter 5, “Configuring System Message Logging”	Describes how to configure logging for system messages.

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Title	Description
Chapter 6, “Configuring Smart Call Home”	Describes how to configure the smart Call Home feature for e-mail-based notification of critical system policies.
Chapter 7, “Configuring Rollback”	Describes how to create configuration snapshots with the rollback feature and how to apply commands in batch mode with the Session Manager.
Chapter 8, “Configuring Session Manager”	Describes how to apply commands in batch mode with the Session Manager.
Chapter 9, “Configuring the Scheduler”	Describes how to schedule batch configuration jobs.
Chapter 10, “Configuring SNMP”	Describes how to configure SNMP and enable SNMP notifications.
Chapter 11, “Configuring RMON”	Describes how to monitor the device by configuring RMON alarms and events.
Chapter 12, “Configuring Online Diagnostics”	Describes how to configure online diagnostics to monitor the software and hardware.
Chapter 13, “Configuring the Embedded Event Manager”	Describes how to configure the Embedded Event Manager.
Chapter 15, “Configuring Onboard Failure Logging”	Describes how to configure on-board failure logging to log failure data to persistent storage.
Chapter 14, “Configuring SPAN”	Describes how to configure SPAN to monitor traffic into and out of a port.
Chapter 16, “Configuring NetFlow”	Describes how to configure NetFlow to gather statistics on input and output traffic.
Appendix A, “IETF RFCs supported by Cisco NX-OS System Management”	Lists supported IETF RFCs.
Appendix B, “Embedded Event Manager System Events and Configuration Examples”	Lists the EEM system policies.

Document Conventions

Command descriptions use these conventions:

Convention	Description
boldface font	Commands and keywords are in boldface.
<i>italic font</i>	Arguments for which you supply values are in italics.
[]	Elements in square brackets are optional.
[x y z]	Optional alternative keywords are grouped in brackets and separated by vertical bars.
string	A nonquoted set of characters. Do not use quotation marks around the string or the string will include the quotation marks.

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Screen examples use these conventions:

<code>screen font</code>	Terminal sessions and information that the switch displays are in screen font.
boldface screen font	Information that you must enter is in boldface screen font.
<i>italic screen font</i>	Arguments for which you supply values are in italic screen font.
< >	Nonprinting characters, such as passwords, are in angle brackets.
[]	Default responses to system prompts are in square brackets.
!, #	An exclamation point (!) or a pound sign (#) at the beginning of a line of code indicates a comment line.

This document uses the following conventions:



Note

Means reader *take note*. Notes contain helpful suggestions or references to material not covered in the manual.



Caution

Means *reader be careful*. In this situation, you might do something that could result in equipment damage or loss of data.

Related Documentation

[Cisco NX-OS](#) includes the following documents:

Release Notes

Cisco Nexus 7000 Series NX-OS Release Notes, Release 4.2

NX-OS Configuration Guides

Cisco Nexus 7000 Series NX-OS Getting Started with Virtual Device Contexts

Cisco Nexus 7000 Series NX-OS Fundamentals Configuration Guide, Release 4.x

Cisco Nexus 7000 Series NX-OS Interfaces Configuration Guide, Release 4.x

Cisco Nexus 7000 Series NX-OS Layer 2 Switching Configuration Guide, Release 4.x

Cisco Nexus 7000 Series NX-OS Quality of Service Configuration Guide, Release 4.x

Cisco Nexus 7000 Series NX-OS Unicast Routing Configuration Guide, Release 4.x

Cisco Nexus 7000 Series NX-OS Multicast Routing Configuration Guide, Release 4.x

Cisco Nexus 7000 Series NX-OS Security Configuration Guide, Release 4.x

Cisco Nexus 7000 Series NX-OS Virtual Device Context Configuration Guide, Release 4.x

Cisco Nexus 7000 Series NX-OS Software Upgrade and Downgrade Guide, Release 4.x

Cisco NX-OS Licensing Guide

Cisco Nexus 7000 Series NX-OS High Availability and Redundancy Guide

Cisco Nexus 7000 Series NX-OS System Management Configuration Guide, Release 4.x

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Cisco NX-OS XML Management Interface User Guide, Release 4.x

Cisco NX-OS System Messages Reference

Cisco Nexus 7000 Series NX-OS MIB Quick Reference

NX-OS Command References

Cisco Nexus 7000 Series NX-OS Command Reference Master Index

Cisco Nexus 7000 Series NX-OS Fundamentals Command Reference

Cisco Nexus 7000 Series NX-OS Interfaces Command Reference

Cisco Nexus 7000 Series NX-OS Layer 2 Switching Command Reference

Cisco Nexus 7000 Series NX-OS Quality of Service Command Reference

Cisco Nexus 7000 Series NX-OS Unicast Routing Command Reference

Cisco Nexus 7000 Series NX-OS Multicast Routing Command Reference

Cisco Nexus 7000 Series NX-OS Security Command Reference

Cisco Nexus 7000 Series NX-OS Virtual Device Context Command Reference

Cisco Nexus 7000 Series NX-OS System Management Command Reference

Other Software Document

Cisco Nexus 7000 Series NX-OS Troubleshooting Guide

Obtaining Documentation and Submitting a Service Request

For information on obtaining documentation, submitting a service request, and gathering additional information, see the monthly *What's New in Cisco Product Documentation*, which also lists all new and revised Cisco technical documentation, at:

<http://www.cisco.com/en/US/docs/general/whatsnew/whatsnew.html>

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